GIS External Data Policy

What is GIS? (Wikipedia Definition)

A geographic information system (GIS), also known as a geographical information system or geospatial information system, is any system for capturing, storing, analyzing, managing and presenting data and associated attributes which are spatially referenced to Earth. Another definition is, "GIS is a system or tool or computer based methodology to collect, store, manipulate, retrieve and analyze spatially (geo-referenced) data."

In the strictest sense, it is any information system capable of integrating, storing, editing, analyzing, sharing, and displaying geographically referenced information. In a more generic sense, GIS is a tool that allows users to create interactive queries (user created searches), analyze the spatial information, edit data, maps, and present the results of all these operations.

Lake County GIS General Metadata

Projected coordinate system name:

NAD_1983_HARN_StatePlane_Florida_East_FIPS_0901_Feet

Geographic coordinate system name:

GCS_North_American_1983_HARN

Lake County GIS Data Policy

Hard copy maps and digital data can be downloaded at no cost. Lake County provides GIS related data in several formats. The first most accessible format is via our Lake County GIS website that maintains downloadable .pdf versions of some of our most popular standard map. All maps can be viewed and printed using Adobe Acrobat.

City Limits
Commissioners Districts
Fire Stations, Response Zones, Water Supply
Ghost Towns
Libraries

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District 1	*District 2*	*District 3*	*District 4*	*District 5*

Parks
Schools
Voting Precincts
Florida House & Senate Districts
Flood Zones
Protected Areas
Topography
US Congressional Districts
Lake County Zip Codes

Maps are labeled with the date they were last updated. You may also view/print maps based on live data on the interactive maps page of the website.

We provide digital copies of these maps on an individual CD for the nominal price of $3.00 per CD. The CD's may be purchased at the Zoning Counter in the Growth Management Department on the 5th floor of the Lake County Administrative Building. If you would like a CD mailed to you, please call (352)343-9641. You may use this CD to plot your own maps or use the services of a third party to print hard copy maps.

Users of the GIS Interactive Map have the option of printing out large size maps of a zoomed in area by saving the area as a .pdf document using the free Cute PDF Writer. Once the area is saved in a .pdf format it can be printed out in various sizes from a plotter on your own or using the printing services of a third party.

You may download our most up to date shapefile, geodatabases, aerial imagery, lidar and contour data from our FTP site. For a free FTP tutorial please visit FTP Tutorial. Shapefiles also include a .dbf file that can be imported into Microsoft Excel to view all the attribute data. The shapefile can also be viewed in the free and downloadable ArcGIS Explorer software or ESRI's licensed ArcView (ArcGIS Desktop) software.

We also have imagery that is downloadable from our GIS FTP Site. Most are in SID format so with a reference map so you can pick the section imagery you are interested in downloading.   Each section is 1.5 GB in size each.

Lake County GIS does NOT provide customized GIS products and services to the public. We are the "repository" of our county data and are not responsible for any inaccuracies and/or errors and it is understood that our data is only for map representation and is not intended for survey level analysis or survey representation.

Delivery Formats

Data may be submitted to our GIS Division for inclusion into our enterprise geodatabase. Acceptable delivery formats are shapefiles, personal geodatabases or file geodatbases. At a minimum, metadata must be submitted to include the projected coordinate system name, geographic coordinate system

name, a description of the data, purpose, data source, date data was acquired and data provider contact information.

All external Lake County related geodatabases must follow our naming convention and spatial reference standards to include a spatial index and be accompanied by metadata as stated above. Our preferred naming convention is *Camel* case which denotes mixed-case lettering with no spaces, where capital letters serve as delimiters.

Disclaimer

The Data is provided "as is" without warranty or any representation of accuracy, timeliness or completeness. The burden for determining accuracy, completeness, timeliness, merchantability and fitness for or the appropriateness for use rests solely on the requester. The County makes no warranties, express or implied, as to the use of the Data. There are no implied warranties of merchantability or fitness for a particular purpose. The requester acknowledges and accepts the limitations of the Data, including the fact that the Data is dynamic and is in a constant state of maintenance, correction and revision.